

WHAT IS CLAIMED IS:

1. Peripheral equipment connected to a network and managed by a directory server on said network, comprising:

5        decrypting means for decrypting an access ticket of said peripheral equipment included in a job received from an information processing apparatus on said network; and

10        control means for limiting execution of said job based on decryption results of said decrypting means.

2. The peripheral equipment according to claim 1, wherein said control means does not execute said job in the case where it is determined by said decrypting  
15        means that said access ticket is not valid.

3. The peripheral equipment according to claim 1, wherein said control means obtains, from said directory server, limit information on said job corresponding to  
20        the information decrypted by said decrypting means and limits execution of said job based on the limit information.

4. The peripheral equipment according to claim 3,  
25        wherein said job is a print job, and said limit information is information indicating the permitted number of prints.

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second decrypting means for decrypting the access ticket of said peripheral equipment included in the job, and wherein:

in the case where said control command is one for deleting a specified job, said control means determines whether or not the job can be deleted based on the decryption results of said decrypting means and the decryption results of said second decrypting means.

9. Peripheral equipment connected to a network and managed by a directory server on said network, comprising:

obtaining means for logging in to said directory server based on information inputted from an operation panel and obtaining an access ticket of said peripheral equipment corresponding to the inputted information from said directory server;

inputting means for, after obtaining said access ticket, inputting a control command for the job from said operation panel;

decrypting means for decrypting said access ticket; and

control means for limiting execution of said control command based on decryption results of said decrypting means.

10. The peripheral equipment according to claim

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9, wherein said control means does not execute said control command in the case where it is determined by said decrypting means that said access ticket is not valid.

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11. The peripheral equipment according to claim 9, wherein, in the case where said control command is one for displaying a list of jobs, said control means changes a display form of the list based on the decryption results of said decrypting means.

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12. The peripheral equipment according to claim 9, further comprising:

second decrypting means for decrypting the access ticket of said peripheral equipment included in the job, and wherein:

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in the case where said control command is one for deleting a specified job, said control means determines whether or not the job can be deleted based on the decryption results of said decrypting means and the decryption results of said second decrypting means.

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13. A copier connected to a network and managed by a directory server on said network, comprising:

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operating means for inputting user information in order to log in to said directory server and directing a copy job to start;

obtaining means for logging in to said directory server and then obtaining management information corresponding to said user information from said directory server; and

5 control means for limiting execution of said copy job based on said management information.

10 14. The copier according to claim 13, wherein, on logging in from a client computer on said network to said directory server, said user information is inputted to said client computer.

15 15. The copier according to claim 13, wherein said management information includes the permitted number of prints.

20 16. The copier according to claim 13, wherein said management information includes the accumulated number of prints.

17. The copier according to claim 13, further comprising:

25 renewing means for renewing management information managed by said directory server corresponding to said user information according to execution results of said copy job.

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18. A directory server for managing network users and resources on a network, comprising:

managing means for managing management information on the number of copies for each network user;

5 control means for sending to said copier said management information corresponding to user information obtained on logging in according to a login from the copier connected to said network.

10 19. The directory server according to claim 18, further comprising:

renewing means for renewing the management information on each network user according to information from said copier.

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20. A control method of peripheral equipment connected to a network and managed by a directory server on said network, comprising:

20 a decrypting step for decrypting an access ticket of said peripheral equipment included in a job received from an information processing apparatus on said network; and

a control step for limiting execution of said job based on decryption results of said decrypting step.

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21. The control method of peripheral equipment according to claim 20, wherein said control step does

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not execute said job in the case where it is determined by said decrypting step that said access ticket is not valid.

5           22. The control method of peripheral equipment according to claim 20, wherein said control step obtains, from said directory server, limit information on said job corresponding to the information decrypted by said decrypting step and limits execution of said  
10 job based on the limit information.

          23. The control method of the peripheral equipment according to claim 22, wherein said job is a print job and said limit information is information  
15 indicating the permitted number of prints.

          24. A control method of peripheral equipment connected to a network and managed by a directory server on said network, comprising:  
20           a receiving step for receiving a control command for a job from an information processing apparatus on said network;  
          a decrypting step for decrypting an access ticket of said peripheral equipment included in said control  
25 command; and  
          a control step for limiting execution of said control command based on decryption results of said

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decrypting step.

25. The control method of the peripheral  
equipment according to claim 24, wherein said control  
5 step does not execute said control command in the case  
where it is determined by said decrypting step that  
said access ticket is not valid.

26. The control method of the peripheral  
10 equipment according to claim 24, wherein, in the case  
where said control command is one for displaying a list  
of jobs, said control step changes a display form of  
the list based on the decryption results of said  
decrypting step.

15 27. The control method of the peripheral  
equipment according to claim 24, further comprising:  
second decrypting step for decrypting the access  
ticket of said peripheral equipment included in the  
20 job, and wherein:

in the case where said control command is one for  
deleting a specified job, said control step determines  
whether or not the job can be deleted based on the  
25 decryption results of said decrypting step and the  
decryption results of said second decrypting step.

28. A control method of peripheral equipment

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connected to a network and managed by a directory server on said network, comprising:

an obtaining step for logging in to said directory server based on information inputted from an operation panel and obtaining an access ticket of said peripheral equipment corresponding to the inputted information from said directory server;

an inputting step for, after obtaining said access ticket, inputting a control command for the job from said operation panel;

a decrypting step for decrypting said access ticket; and

a control step for limiting execution of said control command based on decryption results of said decrypting step.

29. The control method of the peripheral equipment according to claim 28, wherein said control step does not execute said control command in the case where it is determined by said decrypting step that said access ticket is not valid.

30. The control method of the peripheral equipment according to claim 28, wherein, in the case where said control command is one for displaying a list of jobs, said control step changes a display form of the list based on the decryption results of said

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decrypting step.

31. The control method of the peripheral equipment according to claim 28, further comprising:

5       a second decrypting step for decrypting the access ticket of said peripheral equipment included in the job, and wherein:

10       in the case where said control command is one for deleting a specified job, said control step determines whether or not the job can be deleted based on the decryption results of said decrypting step and the decryption results of said second decrypting step.

15       32. A control method of a copier connected to a network and managed by a directory server on said network, comprising:

      an operating step for inputting user information in order to log in to said directory server and directing a copy job to start;

20       an obtaining step for logging in to said directory server and then obtaining management information corresponding to said user information from said directory server; and

25       a control step for limiting execution of said copy job based on said management information.

33. The control method of the copier according to

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claim 32, wherein, on logging in from a client computer on said network to said directory server, said user information is inputted to said client computer.

5           34. The control method of the copier according to claim 32, wherein said management information includes the permitted number of prints.

10           35. The control method of the copier according to claim 32, wherein said management information includes the accumulated number of prints.

          36. The control method of the copier according to claim 32, further comprising:

15           renewing step for renewing management information managed by said directory server corresponding to said user information according to execution results of said copy job.

20           37. A computer program executed on a computer of peripheral equipment connected to a network and managed by a directory server on said network, comprising:

          a decrypting step for decrypting an access ticket of said peripheral equipment included in a job received  
25           from an information processing apparatus on said network; and

          a control step for limiting execution of said job

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based on decryption results of said decrypting step.

38. A computer-readable storage medium storing a computer program according to claim 37.

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39. A computer program executed on a computer of peripheral equipment connected to a network and managed by a directory server on said network, comprising:

10 a receiving step for receiving a control command for a job from an information processing apparatus on said network;

a decrypting step for decrypting an access ticket of said peripheral equipment included in said control command; and

15 a control step for limiting execution of said control command based on decryption results of said decrypting step.

20 40. A computer-readable storage medium storing a computer program according to claim 39.

41. A computer program executed on a computer of peripheral equipment connected to a network and managed by a directory server on said network, comprising:

25 an obtaining step for logging in to said directory server based on information inputted from an operation panel and obtaining an access ticket of said peripheral

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equipment corresponding to the inputted information  
from said directory server;

an inputting step for, after obtaining said access  
ticket, inputting a control command for the job from

5 said operation panel;

a decrypting step for decrypting said access  
ticket; and

a control step for limiting execution of said  
control command based on decryption results of said  
10 decrypting step.

42. A computer-readable storage medium storing a  
computer program according to claim 41.

15 43. A computer program executed on a computer of  
a copier connected to a network and managed by a  
directory server on said network, comprising:

an operating step for inputting user information  
in order to log in to said directory server and  
20 directing a copy job to start;

an obtaining step for logging in to said directory  
server and then obtaining management information  
corresponding to said user information from said  
directory server; and

25 a control step for limiting execution of said copy  
job based on said management information.

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44. A computer-readable storage medium storing a computer program according to claim 43.

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